

RHODE ISLAND

Science and Engineering Profile

	R.I.	U.S.	Rank		R.I.	U.S.	Rank
Doctoral scientists, 1993	1,976	430,332	39	Total R&D performance, 1993 (millions)	\$484	\$161,427	33
Doctoral engineers, 1993	317	81,293	40	Industry R&D, 1993 (millions)	\$176	\$117,622	40
S&E doctorates awarded, 1993	208	25,409	33	Academic R&D, 1993 (millions)	\$103	\$19,489	37
of which, in social sciences	19%	15%		of which, in life sciences	30%	55%	
in engineering	18%	22%		in environmental sciences	26%	7%	
in life sciences	14%	24%		in engineering	14%	16%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	155	34,394	33	expenditures, 1993 (millions)	\$921	\$163,994	38
S&E graduate students, 1993				Number of SBIR awards, 1990-93	50	13,995	30
in doctorate-granting institutions	2,238	438,128	37	Patents issued to state residents, 1994	217	56,039	37
Population, 1994 (000s)	997	260,341	43	Gross state product, 1992 (billions)	\$21.6	\$5,994.1	45
Civilian labor force, 1994 (000s)	505	131,013	43	of which, agriculture	1%	2%	
Personal income per capita, 1994	\$22,251	\$21,809	20	manufacturing, mining, construction	23%	23%	
Federal spending				transportation, communication, utilities	6%	9%	
Total expenditures 1994 (millions)	\$5,473	\$1,284,896	42	wholesale and retail trade	14%	16%	
R&D obligations 1993 (millions)	\$496	\$65,394	25	finance, insurance, real estate	22%	18%	
				services	22%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Rhode Island by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	495,591	184,784	0	233,984	54,424	20,258	2,141	25
Department of Agriculture	2,061	0	0	0	2,012	49	0	51
Department of Commerce	6,814	4,724	0	702	1,348	0	40	18
Department of Defense	412,572	172,283	0	229,272	10,895	122	0	18
Department of Energy	2,527	0	0	48	2,372	107	0	44
Dept. of Health & Human Services	37,194	0	0	179	16,537	18,878	1,600	32
Department of the Interior	3,359	2,442	0	275	642	0	0	49
Department of Transportation	1,357	608	0	248	0	0	501	34
Environmental Protection Agency	7,403	4,682	0	2,439	282	0	0	13
Nat'l Aeronautics & Space Admin.	3,472	45	0	154	3,092	181	0	37
National Science Foundation	18,832	0	0	667	17,244	921	0	25
State rank	25	14	na	20	33	19	32	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.